

REMARKS

No claims have been examined. The Patent Office asserts the Specification is not in accordance with 37 C.F.R. §1.71 (b) or 1.71 (c) because there is little or no discussion of the prior art and what is lacking and or different about the invention versus the prior art, or how the invention satisfies a need that is not satisfied by the prior art or solves a problem that is not satisfied by the prior art or solves a problem in a manner different from the prior art, or any discussion whatsoever of the benefits of the invention or, for that matter, what it has been designed to achieve.

Applicant amends paragraph 15 of the specification to include brief summary language, and asserts that no new matter is added herein. Applicant respectfully points out paragraphs 15, 20, 31-32, 47, and 57 of the application as originally filed. Specifically, the specification describes at least a method, apparatus, and systems for providing shared communication registers mapped into the address space of multiple processors of a multiprocessing system, such as to more quickly and more efficiently communicate data, such as graphics data, between the multiple processors. For instance, the communication registers may be shared by and mapped into the addressing space of each processing element of a plurality of processing elements, wherein each of the communication registers couples a first of the processing elements to every other one of the processing elements. Thus, faster and more efficient communication of data between the processing elements is provided as compared to separate registers external to processors, separated registers between each of the processors, and/or registers not mapped into addressing space of the processors in a multiprocessing system. In addition, write control circuitry and read control circuitry, etc. may be involved in such improvements. In response. Hence, Applicant respectfully requests the Patent Office withdraw the assertion that the specification is not in accordance with 37 C.F.R. §1.71(b) or (c).

Next, the Patent Office asserts that the specification is not in accordance with 37 C.F.R. §1.77(b)(7), which requires that the specification include a brief summary. In response,

Applicant amends paragraph 15 of the specification to include brief summary language. Hence, for at least the reasons stated above, Applicant respectfully request the Patent Office withdraw the assertion that the specification is not in accordance with 37 C.F.R. §1.77(b)(7).

CONCLUSION

In view of the foregoing, it is believed that all claims now pending patentably define the subject invention over the prior art of record and are in condition for allowance and such action is earnestly solicited at the earliest possible date.

If necessary, the Commissioner is hereby authorized in this, current, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2666 for any additional fees required under 37 C.F.R. §§1.16 or 1.17. If a telephone interview would expedite the prosecution of this Application, the Examiner is invited to contact the undersigned at (310) 207-3800.

Respectfully submitted,

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By: _____

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Post Office Box 1450, Alexandria, Virginia 22313-1450.

Erin Flynn

January 26, 2006